

# Xtr-1Elite MKII Single Tube Reader User Manual

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## 1. WELCOME

The Xtr-1Elite MKII single tube reader from FluidX is a sophisticated 2D Data Matrix code reader capable of reading standard pre-coded tubes from a range of manufacturers, assuming they adhere to the ISO 16022 Data Matrix Two Dimensional Bar Code format.

## 2. INSTALLATION

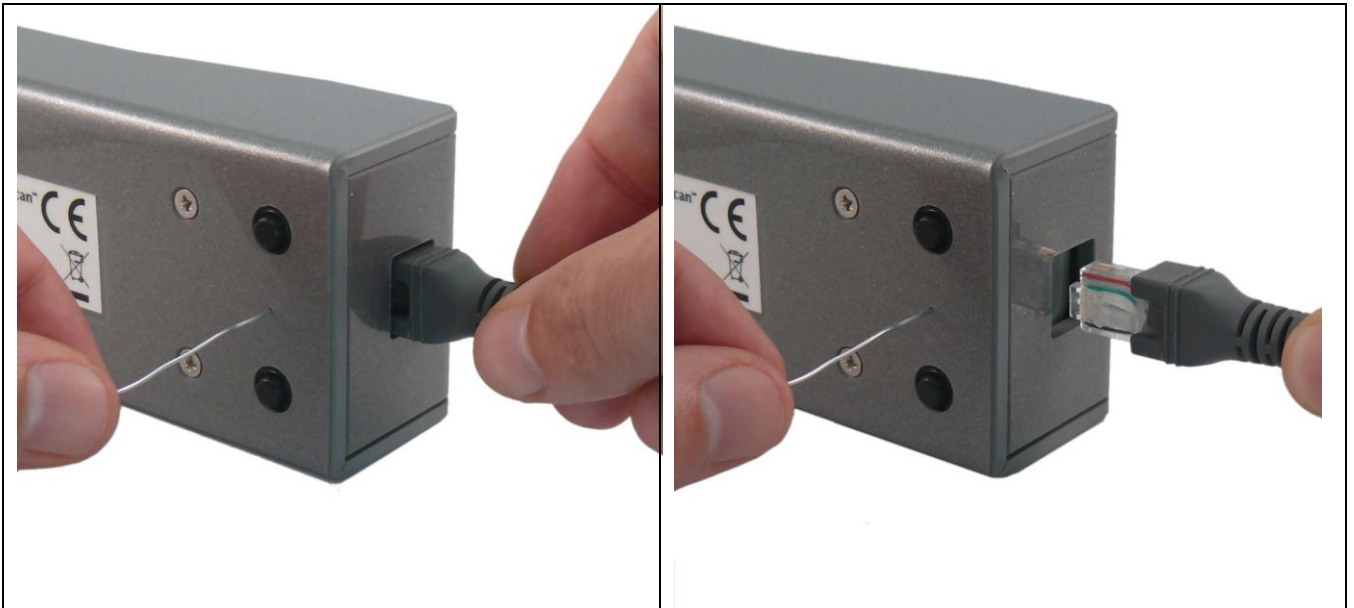
The system has been designed with minimal user setup required,

- Connect the RJ45 Type connector to the unit.
  - **Please take care;** this is a multi-pin connector and can be damaged if handled incorrectly  
Ensure that the cable is fully pushed home – if not unpredictable errors may occur.
- To power up the reader, simply plug the USB cable provided into the reader and USB port on the host device.
- After several seconds, the unit will beep twice, the LED will turn off and the XTR-1Elite MKII is ready for use.
- The device is installed as an HID (Human Interface Device) by your Windows Operating System (XP). Any 2D Coded Tube scanned will be sent directly through the Keyboard buffer to **wherever the cursor is blinking.**



### 3. DETACHING A CABLE

- To detach a cable, press a paper clip into the hole on the back of the XTR-1Elite MKII, and gently pull the cable from the reader.



### 4. READING A TUBE

- To read a tube, place the tube or hold the tube over the scanning window and press the read button. The unit will beep once to indicate a successful read.
- The unit can be switched into continuous scanning mode (see Quick Setup codes)















## 5. READER FEEDBACK

Scenario	Top LED Button	Sound
Successfully Powers Up	Green LED lights Up	1 Beep
Successfully Enumerates with Host (via cable)	Once enumerated, the Green LED turns off	1 Beep
Attempting to Decode	Press the top button Green LED light is off	None
Successful Decode and Data Transfer via Cable	Green LED lights Up	1 Beep
Configuration Code Successfully Decoded and Processed	Press the top button the LED does not flash	2 Beep
Configuration Code Successfully Decoded but wasn't Successfully Processed	Press the top button the LED does not flash	2 Beep

## 6. QUICK SETUP CODES

NOTE: The configuration change will take effect immediately and saved to memory.

	Continuous Scan Off	Optional
	Continuous Scan On	Default
	Universal Keyboard Mapping	Default
	French Keyboard Mapping	Optional
	Japanese Keyboard Mapping	Optional
	German Keyboard Mapping	Optional
	Enable Alternative OS (Windows CE/MAC/Unix/Linux)	Optional

	Disable Alternative OS	Default
	Suffix - None	Optional
	Suffix - Tab	Optional
	Suffix - Enter	Default
	Save Settings	

## 7. APPENDIX C: DECLARATION OF CE CONFORMITY



We, fluidX Ltd  
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certify and declare under our sole responsibility that the following equipment(s) :

Commercial name : Single Tube Reader  
Model name : XTR-1Elite

Is (are) in conformity with the protection requirements of Council Directive 89/336/EEC as regards Electromagnetic compatibility and Council Directive 73/23/EEC as regards Low Voltage safety Based upon compliance of the product with the following harmonized standards:

Emission Standard. EN55022:1998 Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement		Immunity Standard. EN55024:1998 Information technology equipment - Immunity characteristics - Limits and methods of measurement		
Conducted and Radiated Emission	EN 55022 Class B : 1998	ESD	EN 61000-4-2	1995
		RS	EN 61000-4-3	1997
Harmonics current emission	EN 61000-3-2 : 1995 + A12 (1996) + A13 (1997) + A1 (1998) + A2 (1998)	EFTB	EN 61000-4-4	1995
		Surge	EN 61000-4-5	1995
Limitation of voltage changes, voltage fluctuations and flicker	EN 61000-3-3 : 1995	Conducted RF	EN 61000-4-6	1996
		Magnetic Field	EN 61000-4-8	1993
		Dip & Interrupt	EN 61000-4-11	1994
Safety Standards:		EN 60950 : 2000		

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